

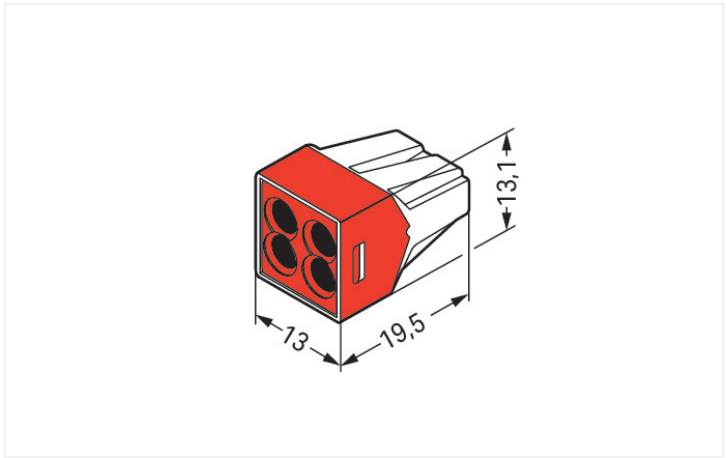
Data Sheet | Item Number: 773-604

PUSH WIRE® splicing connector; for solid conductors; max. 4 mm²; 4-conductor;
Brown clear housing; red cover; Surrounding air temperature: max 60°C; 2,50 mm²;
multicoloured

<https://www.wago.com/773-604>



Color: ☐ multi-colored



Dimensions in mm

Notes

Sicherheitshandhabungshinweis

Attention: Observe operating instructions, danger to life and limb!

- **Only to be used by electricians!**
- Do not work under voltage/load!
- Use only for proper use!
- Observe national regulations/standards/guidelines!
- Observe technical specifications for the products!
- Observe the number of permissible potentials!
- Do not use damaged/dirty components!
- Observe conductor types, cross-sections and strip lengths!
- Insert conductor until it hits the product's backstop!
- Use original accessories!

To be sold only with installation instructions!

Electrical data			
Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	400 V
Rated surge voltage	-	-	4 kV
Rated current	-	-	32 A

Connection data			
Connection points	4	Connection 1	
Total number of potentials	1	Connection technology	PUSH WIRE®
		Actuation type	Push-in
		Connectable conductor materials	Copper Aluminum



Connection 1

Connectable conductor materials (note)	<p>Terminating Aluminum Conductors (Not for use in North America)</p> <p>WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO "Alu-Plus" Contact Paste 249-130 is used for termination.</p> <p>"Alu-Plus" Contact Paste Advantages:</p> <ul style="list-style-type: none">• Automatically destroys the oxide film during clamping.• Prevents fresh oxidation at the clamping point.• Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).• Provides long-term protection against corrosion. <p>For spring clamp connections with PUSH WIRE® connection technology, WAGO recommends that the aluminum conductor first be cleaned and then immediately inserted into the clamping unit filled with "Alu-Plus" contact paste.</p> <p>It is also possible to apply WAGO "Alu-Plus" additionally on the whole surface of the aluminum conductor before termination.</p> <p>Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors::</p> <p>2.5 mm² = 16 A 4 mm² = 22 A</p>
Solid conductor	1.5 ... 4 mm²
Strip length	12 mm / 0.47 inches
Wiring direction	Side-entry wiring

Physical data	
Width	13 mm / 0.512 inches
Height	13.1 mm / 0.516 inches
Depth	19.5 mm / 0.768 inches



Material data	
Note (material data)	Information on material specifications can be found here
Color	multi-colored
Cover color	red
Flammability class per UL94	V2
Fire load	0.054 MJ
Weight	2.4 g







Environmental requirements	
Ambient temperature (operation)	+60 °C
Continuous operating temperature	105 °C

Commercial data	
Product Group	7 (Push Wire Conn.)
eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 8.0	EC000446
ETIM 7.0	EC000446
PU (SPU)	1000 (100) pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143243681
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates					
General approvals			Approvals for marine applications		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
UL UL International Germany GmbH	EN 60998	D-03479-A1	ABS American Bureau of Ship-ping	-	18-HG1755093-PDA

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 773-604	

Documentation			
Bid Text			
773-604	17.05.2017	doc 25.00 KB	
773-604	19.02.2019	xml 3.28 KB	
ausschreiben.de 773-604			

1 Compatible Products

1.1 Optional Accessories

1.1.1 Mounting adapter

1.1.1.1 Mounting accessories



Item No.: 773-332
Mounting carrier; 773 Series - 2.5 mm² / 4 mm² / 6 mm²; for DIN-35 rail mounting / screw mounting; orange

1.1.2 Tool

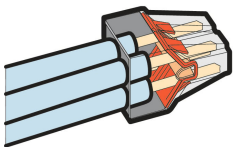
1.1.2.1 "Alu-Plus" contact paste



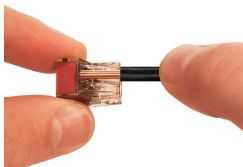
Item No.: 249-130
Syringe; Contents: 20 ml Alu-Plus contact paste

Installation Notes

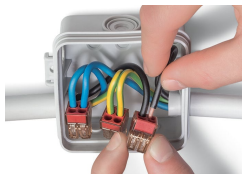
Conductor termination



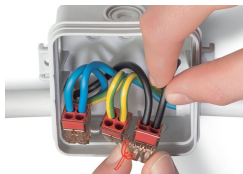
PUSH WIRE® Connector for Junction Boxes, 773 Series



Strip a solid conductor to 12 mm (0.47 inch).

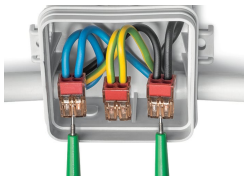


Termination: Insert the stripped solid conductor until it hits the backstop.



Removal: Hold conductor to be removed and twist alternately left and right while pulling the connector.

Testing



Testing via test port opposite to conductor entry.